

Abstract of the Disclosure

A method and apparatus for linear stimulation of the heart to resynchronize contraction for improved hemodynamic benefit. Linear stimulation may be accomplished using a linear source, which may comprise an elongated electrode or 5 plurality of electrodes arranged so as to linearly stimulate the heart. A linear source may be coupled to the left ventricle, and one or more additional electrodes may be positioned so as to stimulate a separate region of the left ventricle or one or more additional chambers of the heart as well. Application of an electrical stimulus by the linear source may function to stimulate a larger region of the heart, thereby enhancing 10 the resynchronization effect as well as providing other hemodynamic benefits.

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